

ABSTRACT OF THE DISCLOSURE

The present invention provides a fuel injection quantity control device for a diesel engine, having injection quantity determination unit for determining the required fuel injection quantity based on the accelerator opening degree and engine revolution speed. The device comprising control unit for conducting a minimum cut-off control such that, at the time the injection is to be restarted after the fuel injection has been cut-off for the predetermined time, the fuel injection cut-off is continued when the required injection quantity determined by the unit is less than the prescribed injection quantity Q_{min} , and the fuel injection is restarted when the required injection quantity is equal to the prescribed injection quantity Q_{min} or larger, this restart being made with the required injection quantity at this time. With the present invention, the generation of white smoke during injection restart following the fuel injection cut-off can be prevented merely by controlling the injection quantity, without using a separate device.